

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-13. (cancelled)

Claim 14. (currently amended): An apparatus for real-time transmission of compressed data, comprising:

a receiving unit for receiving both useful data and filling data which arrive as a data stream with a constant data rate via a circuit-switched connection of a first communications network;

a control unit for removing the filling data contained in the data stream with the constant data rate and for reformatting the useful data contained in the data stream into a format compatible with a data stream with a variable data rate via a packet-oriented connection by embedding the useful data into the transmission format of the packet-oriented connection, wherein said variable data rate corresponds to a variable transmission bandwidth available for the connection; and

a sending unit for sending the reformatted useful data as a data stream with a variable data rate via a packet-oriented connection of a second communications network, wherein the packet-oriented connection comprises one of General Packet Radio Service (GPRS) cells, and Asynchronous Transfer Mode (ATM) cells.

Claim 15. (previously presented) An apparatus for real-time transmission of compressed data as claimed in claim 14, wherein the apparatus is connected between a line-connected communications network and a mobile communications network.

Claim 16. (previously presented) An apparatus for real-time transmission of compressed data as claimed in claim 14, wherein the useful data is compressed video data.

Claim 17. (currently amended) A method for real-time transmission of compressed data, the method comprising the steps of:

receiving both useful data and filling data as a data stream with a fixed data rate via a circuit-switched connection of a first communications network, wherein said data stream includes said compressed data;

removing the filling data contained in the data stream with the constant data rate;

processing the remaining useful data, contained in the data stream with the constant data rate, into a format compatible with a data stream with a variable data rate via a packet-oriented connection by embedding the useful data into the transmission format of the packet-oriented connection, wherein said variable data rate corresponds to a variable transmission bandwidth available for the subscriber connection; and

transmitting the processed data stream with a variable data rate via a packet-oriented connection of a second communications network, wherein the packet-oriented connection comprises one of General Packet Radio Service (GPRS) cells, and Asynchronous Transfer Mode (ATM) cells.

Claim 18. (previously presented) A method for real-time transmission of compressed data as claimed in claim 17, wherein the useful data comprises compressed video data.

Claim 19. (previously presented) A method for real-time transmission of compressed data as claimed in claim 17, the method further comprising the step of:

communicating quality data for identifying transmission quality of the packet-oriented connection to the second communications network.

Claim 20. (previously presented) A method for real-time transmission of compressed data as claimed in claim 19, the method further comprising the step of:

determining as the quality data at least one of an average data rate and a maximum data rate for the data stream with the variable data rate.

Claim 21. (previously presented) A method for real-time transmission of compressed data as claimed in claim 19, the method further comprising the step of:

using a quality factor of a transmission channel used for the data stream with the variable data rate for identifying the transmission quality.

Claims 22-25. (canceled).